

YOU CHOOSE THE WINDOWS. WE CHOOSE THE GLASS.



All of our windows feature revolutionary new
heat-retaining double-glazing as standard.





**NEW
RANGE**

uPVC Windows **Casement**

Energlaze high-performance casement windows offer market leading thermal efficiency as well as the latest high-security features.

Benefits:

- › U-values as low as 1.2 W/m²K.
- › Co-extruded gaskets for long-term weather protection
- › Single-leg knock-in beads
- › Full steel reinforcing
- › Wide range of colours options
- › Casement windows feature advanced non-standard locks

Colour options

Subject to survey
Colours shown are for indication purposes only





Safe and secure

Homeowners want to feel safe and secure in their homes. They want to know that the windows, doors and conservatories they choose will help to protect the things they value. Our casement windows are internally beaded and come with shoot bolt and hinge claw locking.

Thermal performance

Energlaze casement windows offer high thermal performance. With its 5-chamber system our windows can offer U-values as low as $1.2\text{W/m}^2\text{K}$. This means you will notice your home is warmer for longer and your energy bills will be considerably lower.

Good for the environment

Due to the thermal performance of new Energlaze casement windows, you will notice a significant reduction in your heating bills – which means a greener, healthier home and a reduced carbon footprint.





**NEW
RANGE**

uPVC Windows **Vertical Sliding Sash**

Our Vertical Sliding Sash Windows respect the heritage of traditional windows and deliver the most advanced levels of performance.

Benefits:

- › Wide choice of colours and woodgrain finishes
- › Trickle or glazed in vents
- › Both sliding sashes can tilt inwards for easy cleaning
- › Smooth operating balance mechanisms
- › Authentic ovolo shape to the frame, bead, sash and cill
- › Optional Georgian bars, sash horns, weather bars and a deep bottom rail designed specifically to provide that period look





Safe and secure

Homeowners want to feel safe and secure in their homes. They want to know that the windows, doors and conservatories they choose will help to protect the things they value.

Thermal performance

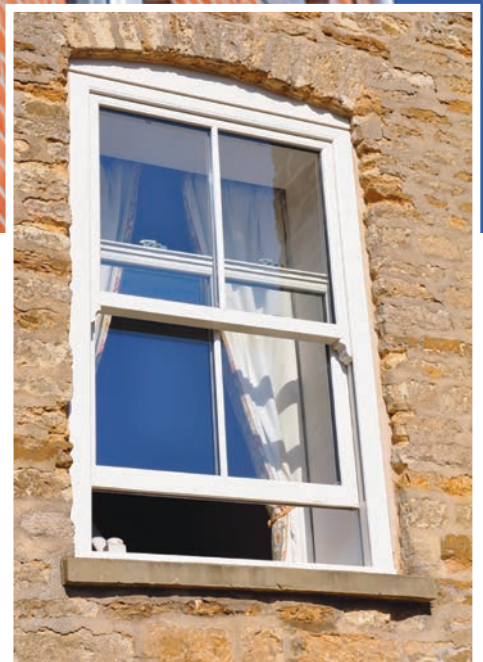
- WER to Band A+
- U-value to 1.4 W/m²K
- Optional recycled thermal inserts
- 24mm double-glazing as standard

Good for the environment

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Colour options

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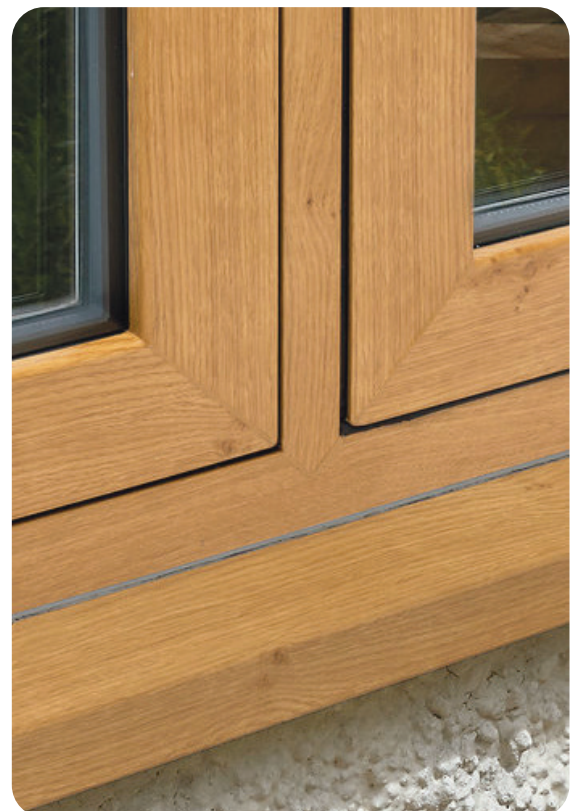
**NEW
RANGE**

uPVC Windows **Flush Casement**

Comfort, security and maintenance matters. So does taking good care of your money and the planet. That's why the right choice is high-performance uPVC flush casement windows – featuring Low-E-Plus™ heat-retaining glass.

Energlaze flush casement windows mimic the traditional appearance of period properties, whilst offering superb energy efficiency and lower heating bills.

- › U-value as low as 1.4 W/m²K
- › Selected hardware for authentic appearance and security
- › Mechanical jointing of sashes and deep bottom rails
- › Suitable for conservation, heritage and modern buildings
- › Standard co-extruded gasket





Thermal performance

Bypassing their timber alternatives, our flush sash windows are created using our market-leading uPVC profile. This means that they can achieve an A+ standard of thermal efficiency.

Safe and secure

Homeowners want to feel safe and secure in their homes. They want to know that the windows, doors and conservatories they choose will help to protect the things they value.

Colours options

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Windows & Sliding Doors **Aluminium**

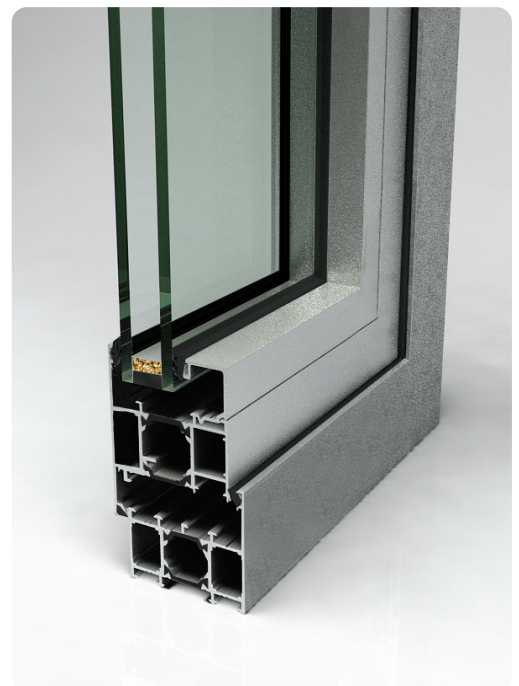
Constructed from aluminium alloy with a polyester powder coated finish, our high-performance aluminium windows and lift & slide doors not only offer stunning aesthetic appeal but also security, durability and excellent thermal performance.

Thermal performance

Our high-performance aluminium windows have a polyamide thermal break. And with the latest Low-E-Plus™ heat-retaining glass fitted as standard, U-values as low as 1.5 W/m²K can be achieved.

Weather tested

Weather tested for water tightness, air permeability, water penetration, wind resistance and window safety to BS6375:PT1 2009 standard.





Safe and secure

Aluminium windows are durable, safe and secure. They have enhanced security features to BS7950 & PAS24 standard.

Colour options

An extensive range of colours options are available, with the facility to match a bespoke colour of your choice, where an RAL number is provided.

10-year guarantee

Energlaze aluminium windows come with a full 10-year guarantee – giving you peace of mind.

Good for the environment

Not only will you reduce your carbon footprint by making your home more energy efficient, most materials used are 100% recyclable.



New Range Sliding Patio Doors



Energlaze sliding patio doors are perfect for access to patios or decking, for conservatories, porches or for outdoor offices and garden rooms. Designed to be secure, the handle and locking system use outward opposing hooks which prevent the leaf from being lifted from its frame.

Features:

- › Multi-chambered system for fully enclosed aluminium and/or steel reinforcement
- › Dedicated frame coupler
- › 1 piece lock with 2 pairs of outward opposing twin hooks.
- › 1 piece steel striker for additional stability and security
- › Static anti-lift bolt incorporated into the faceplate of the lock – also serves as an accurate locator for the striker
- › Integral mishandling device prevents operation of the hooks until the door is fully closed, preventing damage
- › Doors can be fitted to internal or external track
- › Stainless steel, easy-glide track system
- › Range of colours, decorative finishes and ancillaries

Colour options

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New Range French Doors



It's easy to transform the look and feel of your home with beautiful French doors. The classic, two-opening-pane styling is very practical. It's ideal for access to the garden or for giving a light, airy and open feel to your home on warm, spring days.

These doors can be styled to suit traditional homes with Georgian bars or leaded glass, or can be more contemporary in appearance with bold-coloured frames and modern handles. They can be built to open inwards or outwards, depending on your available space.

Energlaze French doors are strong, impact-resistant and reinforced with steel. Toughened glass is installed throughout and secure multipoint locking is built in. With multi-chambered sections, energy-efficient glazing and effective weather seals your home is kept warm and dry.

Suitable For:

- › Entrance doors
- › Kitchens
- › Patio, deck or garden access
- › Conservatories, orangeries and sunrooms
- › Porches, summerhouses and garden offices



Colour options

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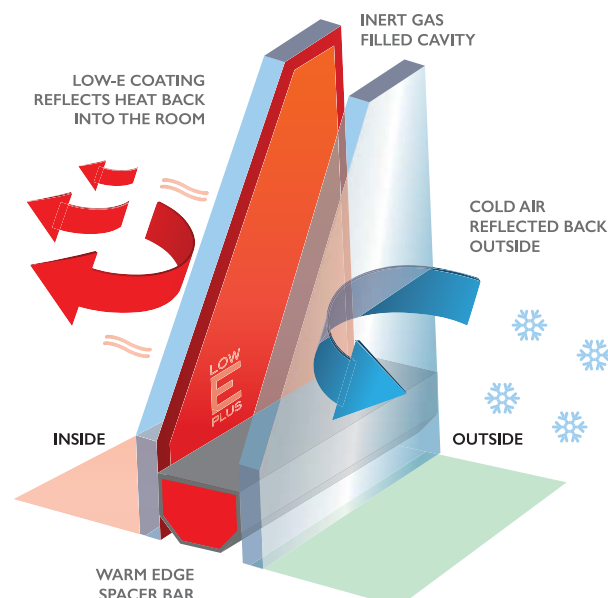


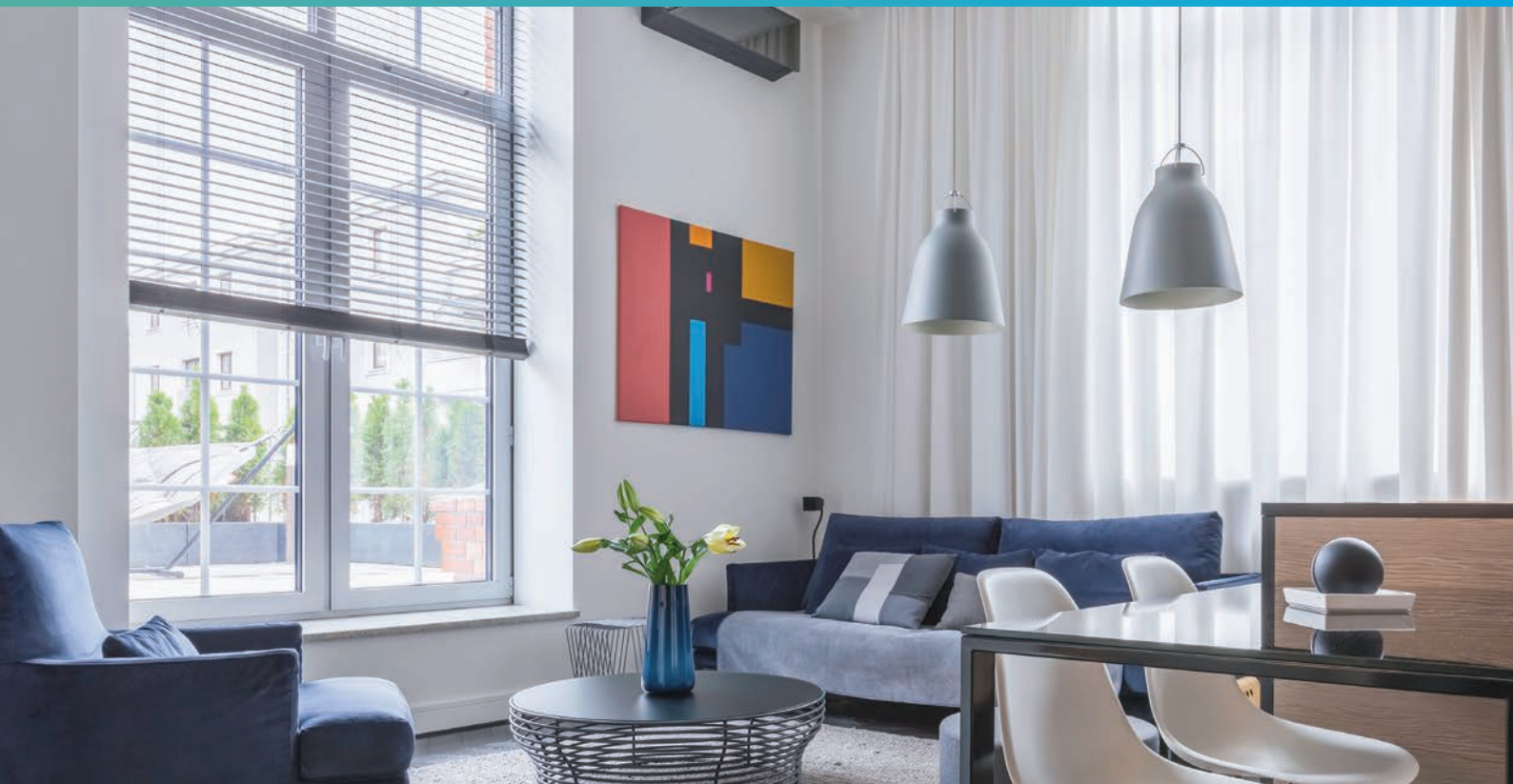
Low-E-Plus™ Heat-retaining Glass

Low-E-Plus™ is an energy-efficient double-glazing that is designed to prevent even more heat escaping through your windows to the cold outdoors. It is perfect for both new windows and retrofitting into existing window frames. The invisible coating dramatically reduces heat transfer and reflects interior heat back into your room.

Benefits:

- › Up to 68% more efficient than old double-glazing
- › Low U-value of just 1.0 W/m²K
- › Improves the comfort of your home
- › Little or no redecorating required
- › Saves on heating costs
- › Easily retrofitted into existing frames
- › Costs up to 50% less than new windows
- › Kinder to the environment





LOW
E
PLUS

We are glass experts

We have developed a high level of expertise in new glazing and window technology. We have carried out over 5,000 home energy upgrades in Irish homes to date.

Thermal performance

Energlaze Low-E-Plus™ glazing units have a low U-value of just 1.0. They can significantly reduce the heat-loss from your existing windows and be as effective as triple glazing when retrofitted into an existing double-glazed window frame.

Save money & protect the planet

Due to the thermal performance of Energlaze Low-E-Plus™ heat-retaining window glass, you will notice a significant reduction in your heating bills – which means a greener, healthier home and a reduced carbon footprint.





FINEO
by AGC

Revolutionary New Ultra-Slim Vacuum Glazing

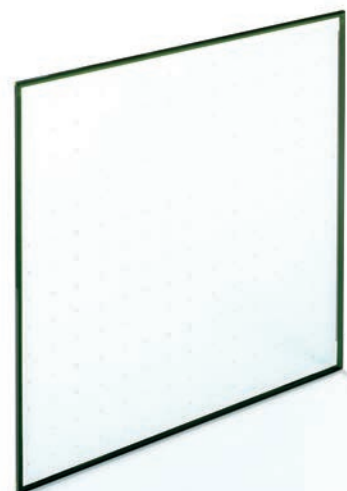
FINEO is much more than glass technology. It is pure comfort. This pioneering vacuum-insulating glazing not only delivers astonishing energy performance, but also combines **exceptionally high thermal insulation with impressive noise reduction and unprecedented sustainability** in one superb product. FINEO easily outperforms and outlives ordinary insulating glass.

This thin vacuum-insulating glass boasts an elegant, slim look, ensuring maximum use of sunlight and solar energy.

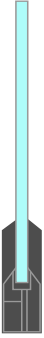
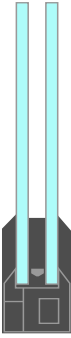
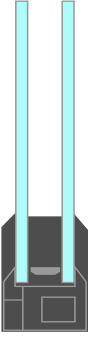
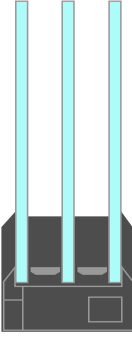
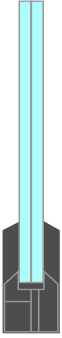
FINEO insulates equally as well as triple glazing, but is lighter and thinner, meaning it can be installed into the existing window frame. This often makes FINEO the most **cost-effective solution for renovation and restoration projects**.

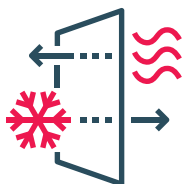
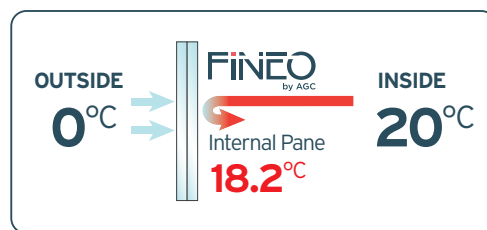
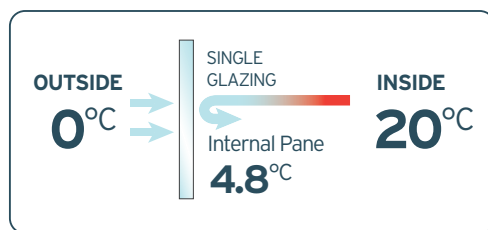
But that's not all! FINEO is also a sustainable investment: not only is it 100% recyclable, it has no inert gases or organic seals which means it will not deteriorate over time. Fineo has a market-leading guarantee of 15 years but has a life expectancy of much longer.

Thickness of Single Glazing,
**Warmth and Comfort of
Triple Glazing -
Without Changing Your
Timber Window Frames!**



Compare Fineo With Traditional Glazing

	<div> <div>←</div> <div>LEAST EFFICIENT</div> <div>MOST EFFICIENT</div> <div>→</div> </div>				
					
	Single Glazing	Slim Double Glazing	Double Glazing	Triple Glazing	FINEO
Thickness	4mm	11mm	28mm	36mm	6.7mm
U-Value (W/m²K)	5.8	1.9	1.2	0.8	0.7
Light Transmission	90	80	80	71	80
Sound Reduction Rw (C;Ctr) dB	29 (-2; -3)	31 (-2; -5)	31 (-2; -5)	32 (-1; -5)	35 (-2;-5)



Warm and cosy

With FINEO insulating glass you will feel much warmer compared to single or double glazing. Why? Due to FINEO's exceptional low u-value, the internal pane is warmer, which in turn eliminates draughts and cold spots.



A new standard for acoustic insulation

With FINEO you can relax in peace and quiet, a world away from all the noise and bustle. FINEO delivers superb traffic noise reduction, easily outperforming other glazing products typically installed in home and work environments.



Preserving historic window frames

In protected buildings, replacing the original glass with modern double glazing is usually not an option. FINEO not only preserves the authentic look of the building, but also brings thermal comfort up to modern standards.

Join Thousands Of Happy Customers, All Over Ireland!

"I am beyond thrilled...

From the initial meeting right through to the completed job we could not be happier."

"We really noticed the difference last winter with the heat retention in the house."



**Contact Energlaze today
for a free quote**

Call (01) 901 1635 or (021) 601 0095

Email info@energlaze.ie

Visit www.energlaze.ie

Nationwide Service